

\$ SECTOR  
H-4  
AS



BAKER BOTTS LLP

Please type a plus sign (+) inside this box →

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

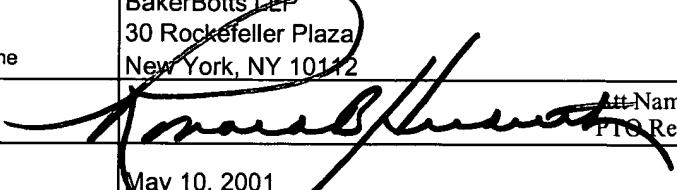
Total Number of Pages in This Submission

Application Number	09/808,627
Filing Date	March 14, 2001
First Named Inventor	Dong Gyu Sim
Group Art Unit	
Examiner Name	
Attorney Docket Number	A34108

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Formalities Letter
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

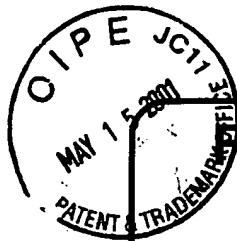
### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	BakerBotts LLP 30 Rockefeller Plaza, New York, NY 10112
Signature	 Name: Ronald B. Hildreth PTO Reg: 19,498
Date	May 10, 2001

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: May 10, 2001

Typed or printed name	Ronald B. Hildreth
Signature	
Date	May 10, 2001



# FEET TRANSMITTAL for FY 2001

*Patent fees are subject to annual revision.*

TOTAL AMOUNT OF PAYMENT (\$ 130)

Complete if Known	
Application Number	09/808,627
Filing Date	March 14, 2001
First Named Inventor	Dong Gyu Sim
Examiner Name	
Group Art Unit	
Attorney Docket No.	A34108

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																													
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <b>02-4377</b></p> <p>Deposit Account Name <b>Baker Botts LLP</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>130</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>130</td></tr> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>130</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>2,520</td><td>2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>920*</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1,840*</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>110</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>390</td><td>195</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>890</td><td>445</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1,390</td><td>695</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1,890</td><td>945</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>310</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>310</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>270</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1,510</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>110</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1,240</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1,240</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>440</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>600</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>130</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>50</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>180</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>40</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>710</td><td>355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>710</td><td>355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>710</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>900</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="2">*For number previously paid, if greater; For Reissues, see above</td> <td colspan="2">SUBTOTAL (3) (\$ 130)</td> </tr> </tbody> </table>		Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oath	130	50	25	Surcharge - late provisional filing fee or cover sheet		130	130	Non-English specification		2,520	2,520	For filing a request for ex parte reexamination		920*	920*	Requesting publication of SIR prior to Examiner action		1,840*	1,840*	Requesting publication of SIR after Examiner action		110	55	Extension for reply within first month		390	195	Extension for reply within second month		890	445	Extension for reply within third month		1,390	695	Extension for reply within fourth month		1,890	945	Extension for reply within fifth month		310	155	Notice of Appeal		310	155	Filing a brief in support of an appeal		270	135	Request for oral hearing		1,510	1,510	Petition to institute a public use proceeding		110	55	Petition to revive - unavoidable		1,240	620	Petition to revive - unintentional		1,240	620	Utility issue fee (or reissue)		440	220	Design issue fee		600	300	Plant issue fee		130	130	Petitions to the Commissioner		50	50	Processing fee under 37 CFR 1.17(q)		180	180	Submission of Information Disclosure Stmt		40	40	Recording each patent assignment per property (times number of properties)		710	355	Filing a submission after final rejection (37 CFR § 1.129(a))		710	355	For each additional invention to be examined (37 CFR § 1.129(b))		710	355	Request for Continued Examination (RCE)		900	900	Request for expedited examination of a design application		Other fee (specify) _____				*For number previously paid, if greater; For Reissues, see above		SUBTOTAL (3) (\$ 130)	
Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																												
130	65	Surcharge - late filing fee or oath	130																																																																																																																												
50	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																													
130	130	Non-English specification																																																																																																																													
2,520	2,520	For filing a request for ex parte reexamination																																																																																																																													
920*	920*	Requesting publication of SIR prior to Examiner action																																																																																																																													
1,840*	1,840*	Requesting publication of SIR after Examiner action																																																																																																																													
110	55	Extension for reply within first month																																																																																																																													
390	195	Extension for reply within second month																																																																																																																													
890	445	Extension for reply within third month																																																																																																																													
1,390	695	Extension for reply within fourth month																																																																																																																													
1,890	945	Extension for reply within fifth month																																																																																																																													
310	155	Notice of Appeal																																																																																																																													
310	155	Filing a brief in support of an appeal																																																																																																																													
270	135	Request for oral hearing																																																																																																																													
1,510	1,510	Petition to institute a public use proceeding																																																																																																																													
110	55	Petition to revive - unavoidable																																																																																																																													
1,240	620	Petition to revive - unintentional																																																																																																																													
1,240	620	Utility issue fee (or reissue)																																																																																																																													
440	220	Design issue fee																																																																																																																													
600	300	Plant issue fee																																																																																																																													
130	130	Petitions to the Commissioner																																																																																																																													
50	50	Processing fee under 37 CFR 1.17(q)																																																																																																																													
180	180	Submission of Information Disclosure Stmt																																																																																																																													
40	40	Recording each patent assignment per property (times number of properties)																																																																																																																													
710	355	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																													
710	355	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																													
710	355	Request for Continued Examination (RCE)																																																																																																																													
900	900	Request for expedited examination of a design application																																																																																																																													
Other fee (specify) _____																																																																																																																															
*For number previously paid, if greater; For Reissues, see above		SUBTOTAL (3) (\$ 130)																																																																																																																													

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130)

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Ronald B. Hildreth	Registration No. (Attorney/Agent)	19,498
Signature	<i>Ronald B. Hildreth</i>	Telephone	212-408-2544
		Date	May 10, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

05/16/2001 HMDR1 00000122 09808627  
 01 FC:105



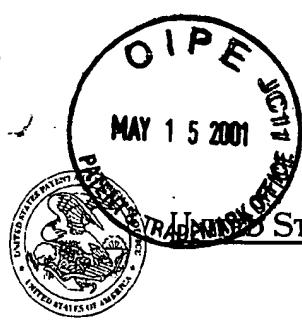
**BAKER BOTTS LLP**

Attorney Docket Number: A34108

Title: APPARATUS AND METHOD FOR VECTOR DESCRIPTOR REPRESENTATION AND MULTIMEDIA DATA RETRIEVAL

Use Space Below for Additional Information:

Inventors - Dong Gyu Sim, Hae Kwang Kim, Mun Churl Kim and Jim Woong Kim



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/808,627	03/14/2001	2181	862	A34108	9	24	4

CONFIRMATION NO. 4572

## FILING RECEIPT



\*OC000000005991367\*

BAKER BOTTS L.L.P.  
44TH FLOOR  
30 ROCKEFELLER PLAZA  
NEW YORK, NY 10112-4498

Date Mailed: 04/20/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Dong Gyu Sim, Residence Not Provided;  
Hae Kwang Kim, Residence Not Provided;  
Mun Churl Kim, Residence Not Provided;  
Jin Woong Kim, Residence Not Provided;

BAKER BOTTS L.L.P.

01 APR 26 PM 12: 02

TO

DR SIM	
JW KIM	

## Domestic Priority data as claimed by applicant

## Foreign Applications

REPUBLIC OF KOREA 2000-13816 03/18/2000

If Required, Foreign Filing License Granted 04/20/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

05/15/2001-HN00R1-00000122 09808627

01 EC+105 Title

130.00 OP

Apparatus and method for vector descriptor representation and multimedia data retrieval

COPY TO

RBN/4/27/01

Preliminary Class

710

---

Data entry by : HAILE, MENTUAB

Team : OIPE

Date: 04/20/2001



**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231